

**Department of Bengali**

Calculation for Course Outcome Attainment for the Year 2020-2023

Attainment of course outcome									
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
I	CC 1	Bangla sahityer itihās,prachin o modhy jug	0	1	0.8	65	3	0.6	1.4
	CC 2	Modhyo jug er kabyo o kobita	3	1	0.8	44	1	0.2	1
II	CC 3	Bangla sahityer itihās adhunik jug	23	1	0.8	27	1	0.2	1
	CC 4	Bhasattotyō o bhāshā bigyan	23	1	0.8	50	2	0.4	1.2
								Total	4.6
								Average	1.2
I	GE 1	Bangla sahityer itihās obangla bhasar itihās	0	1	0.8	0	1	0.2	1
II	GE 2	Chondo o olonkar	64	3	2.4	9	1	0.2	2.6
								Total	3.6
								Average	1.8

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*N. Paul*

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
III	CC 5	Mongol kabyo o chorit sahyt	35	1	0.8	39	1	0.2	1
	CC 6	Chondo o olonkar	13	1	0.8	35	1	0.2	1
	CC 7	Unish bish shotoker kobita o kabyo	13	1	0.8	9	1	0.2	1
	SEC 1	Bangla bayakoron er mulsutro	52	2	1.6	35	1	0.2	1.8
IV	CC 8	Rongomoncher itihis	42	1	0.8	32	1	0.2	1
	CC 9	Unish o bish shotoker uponnash	0	1	0.8	11	1	0.2	1
	CC 10	Unish o bish shotoker kobita	5	1	0.8	26	1	0.2	1
	SEC 2	Bayboharik bangla chorcha	21	1	0.8	21	1	0.2	1
								Total	8.8
								Average	1.1
III	GE 3	Bangla sahyter itihis adhunik jug o bhasha tattik tika	67	3	2.4	0	1	0.2	2.6
IV	GE 4	Chindo o olonkar	33	1	0.8	0	1	0.2	1
								Total	3.6
								Average	1.8

*N. Paul*

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Coordinator  
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Semester	Course Code	Course Title	% of students above 75% University marks	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above 90% internal marks	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
V	CC 11	Unish o bish shotoker dui ordher uponnas	37	1	0.8	79	3	0.6	1.4
	CC 12	Unish o bish shotoker chotogolpo	47	2	1.6	53	2	0.4	2
	DSE 1	Unish o bish shotoker probondho	58	2	1.6	74	3	0.6	2.2
	DSE 2	Nirbachito chotogolpo	58	2	1.6	53	2	0.4	2
VI	CC 13	Sonoskrito, Hindi, inreji sahityer itihis	6	1	0.8	76	3	0.6	1.4
	CC 14	Sahityer tottyo, rup o riti	12	1	0.8	76	3	0.6	1.4
	DSE 3	Potrosahityo o atmojiboni	53	2	1.6	59	2	0.4	2
	DSE 4	Lokosahityo o lokosongoskiti	24	1	0.8	47	2	0.4	1.2
								Total	13.6
								Average	1.7

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## Department of Botany

Calculation for Course Outcome Attainment for the Year 2020-2023

Attainment of course outcome												
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
	I	CC 1	Phycology and Microbiology	40	1	0.8	40	1	0.1	20	1	0.1
CC 2		Biomolecules and Cell Biology	0	1	0.8	27	1	0.1	0	1	0.1	1
II	CC 3	Mycology and Phytopathology	73	3	2.4	64	3	0.3	45	2	0.2	2.9
	CC 4	Archegoniate	73	3	2.4	18	1	0.1	27	1	0.1	2.6
											Total	7.5
											Average	1.9
I	GE 1	Biodiversity	70	3	2.4	30	1	0.1	52	2	0.2	2.7
II	GE 2	Plant Anatomy and Embryology	35	1	0.8	10	1	0.1	30	1	0.1	1
											Total	3.7
											Average	1.9

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Morphology and Anatomy of Angiosperms	83	3	2.4	50	2	0.2	17	1	0.1	2.7
	CC 6	Economic Botany	100	3	2.4	42	1	0.1	25	1	0.1	2.6
	CC 7	Genetics	75	3	2.4	75	3	0.3	17	1	0.1	2.8
	SEC 1	Herbal Technology	92	3	2.4	8	1	0.2	-	-	-	2.6
IV	CC 8	Molecular Biology	55	3	2.4	18	1	0.1	0	1	0.1	2.6
	CC 9	Plant Ecology and Phytogeography	64	3	2.4	55	2	0.2	36	1	0.1	2.7
	CC 10	Plant Systematics	18	1	0.8	45	2	0.2	27	1	0.1	1.1
	SEC 2	Nursery and Gardening	27	1	0.8	45	2	0.4	-	-	-	1.2
										Total		18.3
										Average		2.3
III	GE 3	Biodiversity	38	1	0.8	100	3	0.3	0	1	0.1	1.2
IV	GE 4	Plant Anatomy and Embryology	86	3	2.4	43	1	0.1	86	3	0.3	2.8
										Total		4.0
										Average		2.0

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Reproductive Biology of Angiosperms	60	2	1.6	60	3	0.3	30	1	0.1	2
	CC 12	Plant Physiology	30	1	0.8	60	3	0.3	50	2	0.2	1.3
	DSE 1	Plant Breeding	70	3	2.4	20	1	0.1	40	1	0.1	2.6
	DSE 2	Horticultural Practices and Post-Harvest Technology	60	2	1.6	70	3	0.3	60	2	0.2	2.1
VI	CC 13	Plant Metabolism	22	1	0.8	67	3	0.3	89	3	0.3	1.4
	CC 14	Plant Biotechnology	67	3	2.4	89	3	0.3	89	3	0.3	3
	DSE 3	Industrial and Environmental Microbiology	44	1	0.8	100	3	0.3	89	3	0.3	1.4
	DSE 4	Biostatistics	44	1	0.8	89	3	0.3	44	1	0.1	1.2
											Total	15.0
											Average	1.9

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## Department of Chemistry

Calculation for Course Outcome Attainment for the Year 2020-2023

Attainment of course outcome												
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Inorganic Chemistry	22	1	0.8	44	1	0.1	56	2	0.2	1.1
	CC 2	Physical Chemistry	28	1	0.8	39	1	0.1	94	3	0.3	1.2
II	CC 3	Organic Chemistry	93	3	2.4	50	2	0.2	57	2	0.2	2.8
	CC 4	Physical Chemistry	71	3	2.4	36	1	0.1	50	2	0.2	2.7
											<b>Total</b>	<b>7.8</b>
											<b>Average</b>	<b>2.0</b>
I	GE 1	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons	14	1	0.8	57	2	0.2	67	3	0.3	1.3
II	GE 2	Physical & Organic Chemistry	91	3	2.4	45	2	0.2	64	3	0.3	2.9
											<b>Total</b>	<b>4.2</b>
											<b>Average</b>	<b>2.1</b>

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Inorganic Chemistry	100	3	2.4	17	1	0.1	92	3	0.3	2.8
	CC 6	Organic Chemistry	83	3	2.4	58	2	0.2	100	3	0.3	2.9
	CC 7	Physical Chemistry	100	3	2.4	83	3	0.3	100	3	0.3	3
	SEC 1	Pharmaceutical Chemistry	100	3	2.4	42	1	0.1	100	3	0.3	2.8
IV	CC 8	Inorganic Chemistry	64	3	2.4	55	2	0.2	82	3	0.3	2.9
	CC 9	Organic Chemistry	82	3	2.4	55	2	0.2	91	3	0.3	2.9
	CC 10	Physical Chemistry	82	3	2.4	64	3	0.3	91	3	0.3	3
	SEC 2	Green Methods in Chemistry	45	2	1.6	64	3	0.3	91	3	0.3	2.2
											Total	22.5
											Average	2.8
III	GE 3	Solutions, Phase Equilibria, Conductance, Electrochemistry & Functional Group Organic Chemistry	97	3	2.4	45	2	0.2	100	3	0.3	2.9
IV	GE 4	Inorganic Chemistry & Physical Chemistry	74	3	2.4	68	3	0.3	84	3	0.3	3
											Total	5.9
											Average	3.0



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V	CC 11	Organic Chemistry	27	1	0.8	100	3	0.3	91	3	0.3	1.4
	CC 12	Physical Chemistry	27	1	0.8	91	3	0.3	100	3	0.3	1.4
	DSE 1	Analytical Methods in Chemistry	0	1	0.8	100	3	0.3	100	3	0.3	1.4
	DSE 2	Inorganic Materials of Industrial Importance	18	1	0.8	100	3	0.3	100	3	0.3	1.4
VI	CC 13	Inorganic Chemistry	36	1	0.8	100	3	0.3	82	3	0.3	1.4
	CC 14	Organic Chemistry	27	1	0.8	100	3	0.3	100	3	0.3	1.4
	DSE 3	Polymer Chemistry	73	3	2.4	100	3	0.3	100	3	0.3	3
	DSE 4	Industrial Chemicals and Environment	45	2	1.6	100	3	0.3	100	3	0.3	2.2
								Total				13.6
								Average				1.7



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## Department of Computer Science

Calculation for Course Outcome Attainment for the Year 2019-2020

Attainment of course outcome												
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Programming Fundamental using C	45	2	1.6	64	3	0.3	70	3	0.3	2.2
	CC 2	Computer System Architecture	48	2	1.6	18	1	0.1	64	3	0.3	2
II	CC 3	Programming in JAVA	94	3	2.4	94	3	0.3	78	3	0.3	3
	CC 4	Discrete Structure	94	3	2.4	61	3	0.6	-	-	-	3
											Total	10.2
											Average	2.6
I	GE 1	Digital Electronics	56	2	1.6	22	1	0.2	-	-	-	1.8
II	GE 2	Microprocessor	100	3	2.4	100	3	0.3	100	3	0.3	3
											Total	4.8
											Average	2.4

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Data structures	95	3	2.4	32	1	0.1	84	3	0.3	2.8
	CC 6	Operating Systems	89	3	2.4	74	3	0.3	68	3	0.3	3
	CC 7	Computer Networks	95	3	2.4	0	1	0.1	95	3	0.3	2.8
	SEC 1	Digital Electronics and System Maintenances	100	3	2.4	16	1	0.2	-	-	-	2.6
IV	CC 8	Design and Analysis of Algorithms	100	3	2.4	67	3	0.3	83	3	0.3	3
	CC 9	Software Engineering	100	3	2.4	83	3	0.3	83	3	0.3	3
	CC 10	Database Management systems	78	3	2.4	78	3	0.3	83	3	0.3	3
	SEC 2	Programming in MATLAB	28	1	0.8	83	3	0.6	-	-	-	1.4
											Total	21.6
											Average	2.7
III	GE 3	Operating systems	75	3	2.4	100	3	0.6	-	-	-	3
IV	GE 4	Programming in JAVA	91	3	2.4	45	2	0.2	36	1	0.1	2.7
											Total	5.7
											Convive Average	2.9

*N. Paul*


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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Internet technologies	76	3	2.4	100	3	0.3	100	3	0.3	3
	CC 12	Theory of computation	94	3	2.4	100	3	0.6	-	-	-	3
	DSE 1	Microprocessor	41	1	0.8	100	3	0.3	100	3	0.3	1.4
	DSE 2	Numerical Methods	88	3	2.4	100	3	0.3	100	3	0.3	3
VI	CC 13	Artificial intelligence	100	3	2.4	100	3	0.3	100	3	0.3	3
	CC 14	Computer graphics	88	3	2.4	100	3	0.3	100	3	0.3	3
	DSE 3	Introduction to Data Science	76	3	2.4	100	3	0.3	100	3	0.3	3
	DSE 4	Project	100	3	2.4	100	3	0.6	-	-	-	3
											Total	22.4
											Average	2.8

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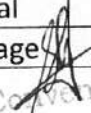
## Department of Economics

Calculation for Course Outcome Attainment for the Year 2019-2020

Attainment of course outcome												
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Introductory Microeconomics	47	2	1.6	50	2	0.4	-	-	-	2
	CC 2	Mathematical Methods for Economics-I	32	1	0.8	47	2	0.4	-	-	-	1.2
II	CC 3	Introductory Macroeconomics	71	3	2.4	29	1	0.2	-	-	-	2.6
	CC 4	Mathematical Methods for Economics-II	88	3	2.4	88	3	0.6	-	-	-	3
											Total	8.2
											Average	<b>2.2</b>
I	GE 1	Indian Economy-I	23	1	0.8	38	1	0.2	-	-	-	2.6
II	GE 2	Indian Economy -II	75	3	2.4	75	3	0.6	-	-	-	1.2
											Total	3.8
											Average	<b>1.9</b>

 N. Paul



  
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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Intermediate Microeconomics-I	93	3	2.4	60	3	0.6	-	-	-	3
	CC 6	Intermediate Macroeconomics-I	40	1	0.8	7	1	0.2	-	-	-	1
	CC 7	Statistical Methods for Economics-I	93	3	2.4	53	2	0.4	-	-	-	2.8
	SEC 1	Basic Computer Applications	93	3	2.4	40	2	0.2	87	3	0.3	2.9
IV	CC 8	Intermediate Microeconomics-II	36	1	0.8	50	2	0.4	-	-	-	1.2
	CC 9	Intermediate Macroeconomics-II	64	3	2.4	36	1	0.2	-	-	-	2.6
	CC 10	Statistics and Econometrics	93	3	2.4	29	1	0.2	-	-	-	2.6
	SEC 2	Tourism Management	21	1	0.8	93	3	0.6	-	-	-	1.4
											Total	17.5
											Average	2.2
III	GE 3	Indian Economy-I	74	3	2.4	37	1	0.2				2.6
IV	GE 4	Indian Economy - II	7	1	0.8	47	2	0.4				1.2
											Total	3.8
											Average	1.9

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Matigara, Siliguri

Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Indian Economy	71	3	2.4	100	3	0.6	-	-	-	3
	CC 12	Development Economics	29	1	0.8	86	3	0.6	-	-	-	1.4
	DSE 1	Economic History of India (1857-1947)	86	3	2.4	100	3	0.6	-	-	-	3
	DSE 2	Topics in Public Economics	7	1	0.8	100	3	0.6	-	-	-	1.4
VI	CC 13	International Economics	0	1	0.8	79	3	0.6	-	-	-	1.4
	CC 14	Public Economics	79	3	2.4	86	3	0.6	-	-	-	3
	DSE 3	Topics in International Economics	64	3	2.4	100	3	0.6	-	-	-	3
	DSE 4	Dissertation/ Project	93	3	2.4	86	3	0.6	-	-	-	3
											Total	19.2
											Average	2.4

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## Department of English

### Calculation for Course Outcome Attainment for the Year 2019-2020

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I	CC 1	English Language: Overview & Usage; Literary Types	55	2	1.6	64	3	0.6	2.2
	CC 2	European Classical Literature	14	1	0.8	82	3	0.6	1.4
II	CC 3	Indian Classical Literature & Indian Writing in English	9	1	0.8	9	1	0.2	1
	CC 4	British Literature: Old English Period to 14 <sup>th</sup> Century	30	1	0.8	9	1	0.2	1
								Total	5.6
								Average	1.4
I	GE 1	Selections from Indian Literature	0	1	0.8	79	3	0.6	1.4
II	GE 2	Selections from European Literature	0	1	0.8	2	1	0.2	1
								Total	2.4
								Average	1.2

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
III	CC 5	American Literature	5	1	0.8	0	1	0.2	1
	CC 6	British Poetry & Drama: 14 <sup>th</sup> to 17 <sup>th</sup> Century	14	1	0.8	0	1	0.2	1
	CC 7	British Poetry & Drama: 17 <sup>th</sup> & 18 <sup>th</sup> Century	19	1	0.8	0	1	0.2	1
	SEC 1	Text Comprehension & Editing	76	3	2.4	0	1	0.2	2.6
IV	CC 8	British Literature: 18 <sup>th</sup> Century	45	2	1.6	55	2	0.4	2
	CC 9	British Romantic Literature	50	2	1.6	65	3	0.6	2.2
	CC 10	British Literature: 19 <sup>th</sup> Century	20	1	0.8	70	3	0.6	1.4
	SEC 2	Business Communication	35	1	0.8	50	2	0.4	1.2
								Total	12.4
								Average	1.6
III	GE 3	Selections from Indian Literature	89	3	2.4	0	1	0.2	2.6
IV	GE 4	Selections from European Literature	0	1	0.8	22	1	0.2	1
								Total	3.6
								Average	1.8

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Semester	Course Code	Course Title	% of students above 75% University marks	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above 90% internal marks	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
V	CC 11	Women's Writing	79	3	2.4	84	3	0.6	3
	CC 12	British Literature: The Early 20 <sup>th</sup> Century	37	1	0.8	58	2	0.4	1.2
	DSE 1	Literary Theory & Criticism	21	1	0.8	53	2	0.4	1.2
	DSE 2	Popular Literature	79	3	2.4	53	2	0.4	2.8
VI	CC 13	Modern European Drama	42	1	0.8	68	3	0.6	1.4
	CC 14	Postcolonial Literatures	95	3	2.4	63	3	0.6	3
	DSE 3	Indian Literature in English Translation	11	1	0.8	100	3	0.6	1.4
	DSE 4	Partition Literature	89	3	2.4	63	3	0.6	3
								Total	17.0
								Average	2.1

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## Department of Mathematics

### Calculation for Course Outcome Attainment for the Year 2019-2020

Attainment of course outcome												
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Calculus and Geometry	64	3	2.4	68	3	0.6				3
	CC 2	Algebra	55	2	1.6	18	1	0.2				1.8
II	CC 3	Real Analysis	100	3	2.4	81	3	0.6				3
	CC 4	Differential Equations and Vector Calculus	88	3	2.4	69	3	0.6				3
								Total				10.8
								Average				2.7
I	GE 1	Calculus, Geometry and Differential Equation	84	3	2.4	74	3	0.6				3
II	GE 2	Algebra	79	3	2.4	9	1	0.2				2.6
								Total				5.6
								Average				2.8

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Theory Of Real Functions and Introduction to Metric Space	100	3	2.4	100	3	0.6				3
	CC 6	Group Theory – I	87	3	2.4	100	3	0.6				3
	CC 7	Riemann Integration and Series of Functions	100	3	2.4	100	3	0.6				3
	SEC 1	Logic and Sets	87	3	2.4	100	3	0.6				3
IV	CC 8	Theory of Real Functions and Introduction to Metric Space	100	3	2.4	100	3	0.6				3
	CC 9	Group Theory – I	100	3	2.4	93	3	0.6				3
	CC 10	Riemann Integration and Series of Functions	93	3	2.4	100	3	0.6				3
	SEC 2	Logic And Sets	87	3	2.4	100	3	0.6				3
										Total		24
										Average		3.0
III	GE 3	Calculus, Geometry and Differential Equation	89	3	2.4	61	3	0.6				3
IV	GE 4	Algebra	89	3	2.4	56	2	0.4				2.8
										Total		5.8
										Average		2.9



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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Group Theory – II	27	1	0.8	100	3	0.6	-	-	-	1.4
	CC 12	Numerical Methods	20	1	0.8	100	3	0.3	80	3	0.3	1.4
	DSE 1	Probability and Statistics	27	1	0.8	100	3	0.6	-	-	-	1.4
	DSE 2	Number Theory	67	3	2.4	100	3	0.6	-	-	-	3
VI	CC 13	Ring Theory and Linear Algebra – II	20	1	0.8	100	3	0.6	-	-	-	1.4
	CC 14	Partial Differential Equations and Applications	27	1	0.8	100	3	0.6	-	-	-	1.4
	DSE 3	Linear Programming	27	1	0.8	100	3	0.6	-	-	-	1.4
	DSE 4	Mathematical Modelling	47	2	1.6	100	3	0.6	-	-	-	2.2
								Total				13.6
								Average				1.7

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## Department of Physics

Calculation for Course Outcome Attainment for the Year 2019-2020

### Attainment of course outcome

Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Mathematical Physics	33	1	0.8	56	2	0.2	56	2	0.2	1.2
	CC 2	Mechanics	48	1	0.8	44	1	0.1	48	2	0.2	1.1
II	CC 3	Electricity and Magnetism	93	3	2.4	93	3	0.3	80	3	0.3	3
	CC 4	Waves and Optics	100	3	2.4	67	3	0.3	73	3	0.3	3
								Total				8.3
								Average				<b>2.1</b>
I	GE 1	Mechanics	55	2	1.6	62	3	0.3	83	3	0.3	2.2
II	GE 2	Electricity and Magnetism	89	3	2.4	59	2	0.2	74	3	0.3	2.9
								Total				5.1
								Average				<b>2.6</b>




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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Mathematical Physics-II	100	3	2.4	94	3	0.3	63	3	0.3	3
	CC 6	Thermal Physics	94	3	2.4	88	3	0.3	94	3	0.3	3
	CC 7	Digital Systems and Applications	81	3	2.4	94	3	0.3	100	3	0.3	3
	SEC 1	Electrical Circuits and Networks	94	3	2.4	88	3	0.6	-	-	-	3
IV	CC 8	Mathematical Physics-III	44	1	0.8	44	1	0.1	44	2	0.2	1.1
	CC 9	Elements of Modern Physics	94	3	2.4	100	3	0.3	94	3	0.3	3
	CC 10	Analog System and Applications	50	2	1.6	44	2	0.2	31	1	0.1	1.9
	SEC 2	Renewable Energy and Energy Harvesting, or Computational Physics, or Basic Instrumentation Skills.	81	3	2.4	44	2	0.2	50	2	0.2	2.8
										Total		20.8
										Average		2.6
III	GE 3	Thermal Physics and Statistical Mechanics	88	3	2.4	88	3	0.3	88	3	0.3	3
IV	GE 4	Waves and Optics	43	2	1.6	71	3	0.3	29	1	0.1	2
										Total		5
										Average		2.5

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Quantum Mechanics and Applications	13	1	0.8	100	3	0.3	100	3	0.3	1.4
	CC 12	Solid State Physics	38	1	0.8	100	3	0.3	94	3	0.3	1.4
	DSE 1	Advanced Mathematical Physics I	75	3	2.4	94	3	0.3	100	3	0.3	3
	DSE 2	Nonlinear Dynamics and Chaos	63	3	2.4	94	3	0.3	100	3	0.3	3
VI	CC 13	Electromagnetic Theory	19	1	0.8	100	3	0.3	100	3	0.3	1.4
	CC 14	Statistical Mechanics	50	2	1.6	100	3	0.3	88	3	0.3	2.2
	DSE 3	Nuclear and Particle Physics / Advanced Mathematical Physics II	50	2	1.6	100	3	0.6	-	-	-	2.2
	DSE 4	Astrophysics and Astronomy / Classical Dynamics	69	3	2.4	100	3	0.6	-	-	-	3
								Total				17.6
								Average				2.2

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## Department of Political Science

Calculation for Course Outcome Attainment for the Year 2019-2020

Attainment of course outcome									
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
I	CC 1	Understanding Political Science	11	1	0.8	32	1	0.2	1
	CC 2	Perspectives on Public Administration	7	1	0.8	43	1	0.2	1
II	CC 3	Indian Government and Politics	13	1	0.8	38	1	0.2	1
	CC 4	Western Political Thought	13	1	0.8	8	1	0.2	1
								Total	4.0
								Average	<b>1.0</b>
I	GE 1	Reading Gandhi	89	3	2.4	0	1	0.2	2.6
II	GE 2	Feminism: Theory and Practice	5	1	0.8	77	3	0.6	1.4
								Total	4.0
								Average	<b>2.0</b>

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
III	CC 5	Comparative Politics	0	1	0.8	0	1	0.2	1
	CC 6	Public Policy and Administration	0	1	0.8	0	1	0.2	1
	CC 7	Nationalism in India	0	1	0.8	0	1	0.2	1
	SEC 1	Public Opinion and Survey Research	0	1	0.8	0	2	0.4	1.2
IV	CC 8	Introduction to International Relations	13	1	0.8	0	1	0.2	1
	CC 9	Political Sociology	0	1	0.8	0	1	0.2	1
	CC 10	Political Theory: Concepts and Debates	17	1	0.8	0	1	0.2	1
	SEC 2	Democratic and Legal Awareness	0	1	0.8	0	1	0.2	1
								Total	8.2
								Average	1.0
III	GE 3	Reading Gandhi	3	1	0.8	1	1	0.2	1
IV	GE 4	Feminism: Theory and Practice	0	1	0.8	0	1	0.2	1
								Total	2.0
								Average	1.0

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Semester	Course Code	Course Title	% of students above 75% University marks	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above 90% internal marks	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
V	CC 11	Understanding Global Politics	65	3	2.4	100	3	0.6	3
	CC 12	Indian Political Thought	74	3	2.4	100	3	0.6	3
	DSE 1	Party System in India	65	3	2.4	100	3	0.6	3
	DSE 2	International Organisations	48	2	1.6	100	3	0.6	2.2
VI	CC 13	India's Foreign Policy in a Globalised World	9	1	0.8	100	3	0.6	1.4
	CC 14	Political Ideology	22	1	0.8	100	3	0.6	1.4
	DSE 3	Development Process and Social Movements in Contemporary India	35	1	0.8	100	3	0.6	1.4
	DSE 4	Grass Root Democracy in India	52	2	1.6	100	3	0.6	2.2
								Total	17.6
								Average	2.2

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## Department of Sociology

Calculation for Course Outcome Attainment for the Year 2019-2020

Attainment of course outcome									
Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
I	CC 1	Introduction to Sociology - I	21	1	0.8	42	1	0.2	1
	CC 2	Indian Society - I	0	1	0.8	47	2	0.4	1.2
II	CC 3	Introduction to Sociology - II	13	1	0.8	21	1	0.2	1
	CC 4	Indian Society - II	17	1	0.8	50	2	0.4	1.2
								Total	4.4
								Average	1.1
I	GE 1	GENDER AND VIOLENCE	0	1	0.8	0	1	0.2	1
II	GE 2	POPULATION AND SOCIETY	38	1	0.8	23	1	0.2	1
								Total	2.0
								Average	1.0

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
III	CC 5	Rethinking Development	44	1	0.8	72	1	0.2	1
	CC 6	Sociology of Religion	89	1	0.8	50	1	0.2	1
	CC 7	Sociology of Gender	6	1	0.8	89	1	0.2	1
	SEC 1	Sociology of Media	89	1	0.8	56	1	0.2	1
IV	CC 8	Rural Sociology	67	1	0.8	72	1	0.2	1
	CC 9	Sociology Of Kinship	6	3	2.4	72	1	0.2	2.6
	CC 10	Social Stratification	94	1	0.8	100	1	0.2	1
	SEC 2	Visual Sociology	67	1	0.8	72	1	0.2	1
								<b>Total</b>	<b>9.6</b>
								<b>Average</b>	<b>1.2</b>
III	GE 3	Gender and Violence	6	1	0.8	0	1	0.2	1
IV	GE 4	Population and Society	35	1	0.8	3	1	0.2	1
								<b>Total</b>	<b>2.0</b>
								<b>Average</b>	<b>1.0</b>



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Semester	Course Code	Course Title	% of students above 75% University marks	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above 90% internal marks	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
V	CC 11	Sociological Thinkers - I	44	1	0.8	72	1	0.2	1
	CC 12	Sociological Research Methods - I	89	1	0.8	50	1	0.2	1
	DSE 1	Urban Sociology	6	1	0.8	89	1	0.2	1
	DSE 2	Agrarian Sociology	89	1	0.8	56	1	0.2	1
VI	CC 13	Sociological Thinkers - II	67	1	0.8	72	1	0.2	1
	CC 14	Sociological Research Methods - II	6	3	2.4	72	1	0.2	2.6
	DSE 3	Field Work (Dissertation)	94	1	0.8	100	1	0.2	1
	DSE 4	Indian Sociological Tradition	67	1	0.8	72	1	0.2	1
								Total	9.6
								Average	1.2



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## Department of Zoology

Calculation for Course Outcome Attainment for the Year 2019-2020


### Attainment of course outcome

Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
I	CC 1	Non-Chordate 1	41	1	0.8	41	1	0.1	67	3	0.3	1.2
	CC 2	Ecology	7	1	0.8	30	1	0.1	74	3	0.3	1.2
II	CC 3	Non-Chordate 2	85	3	2.4	15	1	0.1	50	2	0.2	2.7
	CC 4	Cell Biology	80	3	2.4	25	1	0.1	60	2	0.2	2.7
								Total				7.8
								Average				2.0
I	GE 1	Animal Diversity	31	1	0.8	0	1	0.1	92	3	0.3	1.2
II	GE 2	Human Physiology	58	2	1.6	0	1	0.1	33	1	0.1	1.8
								Total				3.0
								Average				1.5



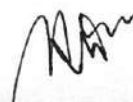
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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10%/20% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
III	CC 5	Chordates	84	3	2.4	53	2	0.2	63	3	0.3	2.9
	CC 6	Animal Physiology: Controlling and Coordinating System	79	3	2.4	68	3	0.3	95	3	0.3	3
	CC 7	Genetics	32	1	0.8	37	1	0.1	58	2	0.2	1.1
	SEC 1	Apiculture	58	2	1.6	42	2	0.2	79	3	0.3	2.1
IV	CC 8	Comparative anatomy of Vertebrates	63	3	2.4	26	1	0.1	26	1	0.1	2.6
	CC 9	Animal Physiology: Life Sustaining System	79	3	2.4	47	2	0.2	26	1	0.1	2.7
	CC 10	Fundamentals of Biochemistry	100	3	2.4	53	2	0.2	58	2	0.2	2.8
	SEC 2	Sericulture	89	3	2.4	26	1	0.1	-	-	-	2.7
										Total		19.6
										Average		<b>2.5</b>
III	GE 3	Animal Diversity	71	3	2.4	52	2	0.2	43	2	0.2	2.8
IV	GE 4	Human Physiology	0	1	0.8	20	1	0.1	20	1	0.1	1
										Total		3.8
										Average		<b>1.9</b>

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Semester	Course Code	Course Title	% of students above cut-off percentage of Theoretical Exam	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above cut-off percentage of Internal Assessment	Level of attainment	10% of Attainment Level in internal exam (II)	% of students above cut-off percentage of Practical Exam	Level of attainment	10% of Attainment Level in practical exam (III)	Attainment of Course (I+II+III)
V	CC 11	Molecular Biology	33	1	0.8	89	3	0.3	89	3	0.3	1.4
	CC 12	Immunology	28	1	0.8	83	3	0.3	50	2	0.2	1.3
	DSE 1	Endocrinology	44	1	0.8	89	3	0.3	56	2	0.2	1.3
	DSE 2	Animal Behaviour and Cronobiology	44	1	0.8	33	1	0.1	89	3	0.3	1.2
VI	CC 13	Developmental Biology	44	1	0.8	78	3	0.3	89	3	0.3	1.4
	CC 14	Evolutionary Biology and Biostatistics	33	1	0.8	83	3	0.3	94	3	0.3	1.4
	DSE 3	Parasitology	50	2	1.6	100	3	0.3	83	3	0.3	2.2
	DSE 4	Biology of Insects	39	1	0.8	83	3	0.3	94	3	0.3	1.4
								Total				11.6
								Average				1.5

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